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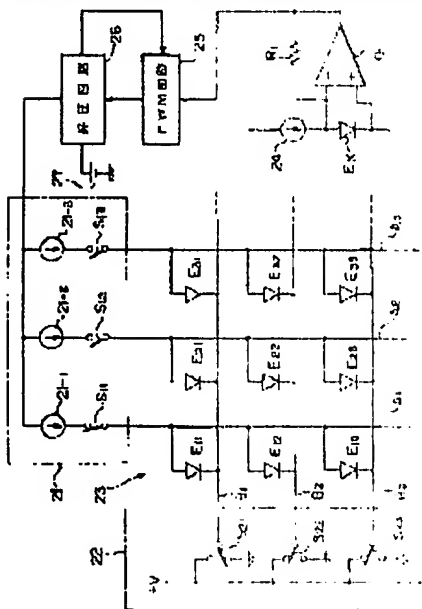
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(54) DEVICE FOR DRIVING ORGANIC EL DISPLAY PANEL AND METHOD THEREFOR



(57)Abstract:

PROBLEM TO BE SOLVED: To provide a driving device capable of varying luminous brightness of EL elements according to the brightness of a use environment of an organic EL display device.

SOLUTION: In a display panel 23 constructed by arranging a plurality of organic EL elements E11, E12, ..., an organic Ex is also formed, and a forward direction voltage of this organic element Ex applied with a prescribed current is utilized as an illuminance sensor. The forward direction voltage of this organic element Ex is supplied to a PWM circuit 25 via an operational amplifier OP, and a step-up voltage VH to be applied to an anode line scanning circuit 21 from a boosting circuit 26 is controlled by a PWM signal from the PWM circuit. Thus, the luminous brightness of individual organic

EL elements E11, E12, ... arranged in the panel is controlled. Thus, in a dark use environment, the boosting voltage VH can also be lowered, therefore, low power consumption can be realized.

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